

**Exhibit 2**

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CENTRAL FAX CENTER****JUL 03 2006**PATENT APPLICATION  
DOCKET NO. 21955**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT:	Cox et al.
SERIAL NO.:	10/690,219
FILED:	October 20, 2003
FOR:	SCRUBBING SYSTEMS AND METHODS FOR COAL FIRED COMBUSTION UNITS
ART UNIT:	1764
EXAMINER:	Duong, Thanh P.
DOCKET NO.:	21955

**SHOWING OF EVIDENCE ESTABLISHING DILIGENCE  
UNDER MPEP§ 715.07(a)**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir,

During the time immediately proceeding March 12, 2002 (the critical reference date) until the date of filing the present application, Applicant engaged in activities directed toward reducing the invention to practice in a diligent manner. Specifically, the inventors considered alternative combinations of units and systems as an improvement over the present invention. Engineering specifications were developed in order to verify feasibility of the invention. Further, consulting engineers were engaged to design implementation into a proposed power plant design. Performance

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and economic comparisons with competing technologies were also made. Strategies were also actively pursued during this time to evaluate logistic and marketability considerations in implementation. All of the above activities occurred substantially simultaneously over the time period of early 2002 to late 2003.

Applicants disclosed the present invention to legal counsel in May 2003 and the present patent application was duly filed on October 20, 2003.

DATED this 3<sup>rd</sup> day of July, 2006.